

IN THE CLAIMS:

1. (Original) A method in a data processing system for automatically configuring IP security tunnels, said method comprising the steps of:
establishing a security policy specification format capable of being utilized by a plurality of different operating systems and a plurality of different machine types; and
defining a configuration of an IP security tunnel utilizing said security policy specification format.
2. (Original) The method according to claim 1, further comprising the step of establishing said security policy specification format as a DTD file.
3. (Original) The method according to claim 2, further comprising the step of including a plurality of different elements in said DTD file, each of said plurality of different elements being utilized to configure an IP security tunnel.
4. (Currently amended) The method according to claim [[1]]_3, further comprising the steps of:
generating an XML file utilizing a plurality of said plurality of different elements [[tags]] included within said DTD file; and
processing said XML file to automatically configure an IP security tunnel.
5. (Original) The method according to claim 1, further comprising the step of including a root element in said security policy specification format.
6. (Original) The method according to claim 1, further comprising the step of establishing a protection element in said security policy specification format, said protection element including a listing of IKE transforms.
7. (Original) The method according to claim 1, further comprising the step of establishing a transform element in said security policy specification format.

8. (Original) The method according to claim 1, further comprising the step of establishing a group element in said security policy specification format.
9. (Original) The method according to claim 1, further comprising the step of establishing an identification element in said security policy specification format.
10. (Original) The method according to claim 1, further comprising the step of establishing a tunnel element in said security policy specification format.
11. (Original) The method according to claim 1, further comprising the step of establishing a root element, a protection element, a transform element, a group element, an identification element, a tunnel element, a local/remote identify element, an ID type element, an ID definition element, a pre-shared key element, an IPsec proposal element, an IPsec ESP protocol element, an IPsec authentication header element, and an IPsec protection element in said security policy specification format.
12. (Original) The method according to claim 1, further comprising the step of automatically configuring an IP security tunnel utilizing said security policy specification format.
13. (Original) The method according to claim 1, further comprising the step of comparing a first IP security tunnel to a second IP security tunnel utilizing a first security policy specification format that is associated with said first IP security tunnel and a second security policy specification format that is associated with a second IP security tunnel.
14. (Currently amended) A computer program product comprising:
 a computer usable medium having computer usable program code for defining a configuration of IP security tunnels, comprising:
 ~~instruction means~~ computer usable program code for establishing a security policy specification format capable of being utilized by a plurality of different operating systems and a plurality of different machine types; [[and]]

~~instruction means~~ computer usable program code for automatically configuring an IP security tunnel utilizing said security policy specification format.

15. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing said security policy specification format as a DTD file.

16. (Currently amended) The product according to claim 14 ~~[[15]]~~, further comprising ~~instruction means~~ computer usable program code for including a plurality of different elements in said DTD file, each of said plurality of different elements being utilized to configure an IP security tunnel.

17. (Currently amended) The product according to claim ~~[[14]]~~ 16, further comprising:

~~instruction means~~ computer usable program code for generating an XML file utilizing a plurality of said plurality of different elements ~~[[tags]]~~ included within said DTD file; and

~~instruction means~~ computer usable program code for processing said XML file to automatically configure an IP security tunnel.

18. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for including a root element in said security policy specification format.

19. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing a protection element in said security policy specification format, said protection element including a listing of IKE transforms.

20. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing a transform element in said security policy specification format.

21. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing a group element in said security policy specification format.
22. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing an identification element in said security policy specification format.
23. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing a tunnel element in said security policy specification format.
24. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for establishing a root element, a protection element, a transform element, a group element, an identification element, a tunnel element, a local/remote identify element, an ID type element, an ID definition element, a pre-shared key element, an IPsec proposal element, an IPsec ESP protocol element, an IPsec authentication header element, and an IPsec protection element in said security policy specification format.
25. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for automatically configuring an IP security tunnel utilizing said security policy specification format.
26. (Currently amended) The product according to claim 14, further comprising ~~instruction means~~ computer usable program code for comparing a first IP security tunnel to a second IP security tunnel utilizing a first security policy specification format that is associated with said first IP security tunnel and a second security policy specification format that is associated with a second IP security tunnel.
27. (Currently amended) A data processing system for automatically configuring ~~defining a configuration of~~ IP security tunnels, comprising:

a security policy specification format capable of being utilized by a plurality of different operating systems and a plurality of different machine types; and
said system for automatically configuring an IP security tunnel utilizing said security policy specification format.

28. (Original) The system according to claim 27, further comprising said security policy specification format being established as a DTD file.

29. (Original) The system according to claim 28, further comprising a plurality of different elements being included in said DTD file, each of said plurality of different elements being utilized to configure an IP security tunnel.

30. (Currently amended) The system according to claim ~~[[27]]~~ 29, further comprising:

an XML file being generated utilizing a plurality of said plurality of different elements ~~[[tags]]~~ included within said DTD file; and

said system for processing said XML file to automatically configure an IP security tunnel.

31. (Original) The system according to claim 27, further comprising a root element being included in said security policy specification format.

32. (Original) The system according to claim 27, further comprising a protection element being included in said security policy specification format, said protection element including a listing of IKE transforms.

33. (Original) The system according to claim 27, further comprising a transform element being included in said security policy specification format.

34. (Original) The system according to claim 27, further comprising a group element being included in said security policy specification format.

35. (Original) The system according to claim 27, further comprising an identification element being included in said security policy specification format.
36. (Original) The system according to claim 27, further comprising a tunnel element being included in said security policy specification format.
37. (Original) The system according to claim 27, further comprising a root element, a protection element, a transform element, a group element, an identification element, a tunnel element, a local/remote identify element, an ID type element, an ID definition element, a pre-shared key element, an IPsec proposal element, an IPsec ESP protocol element, an IPsec authentication header element, and an IPsec protection element being included in said security policy specification format.
38. (Original) The system according to claim 27, further comprising said system for automatically configuring an IP security tunnel utilizing said security policy specification format.
39. (Original) The system according to claim 27, further comprising said system for comparing a first IP security tunnel to a second IP security tunnel utilizing a first security policy specification format that is associated with said first IP security tunnel and a second security policy specification format that is associated with a second IP security tunnel.